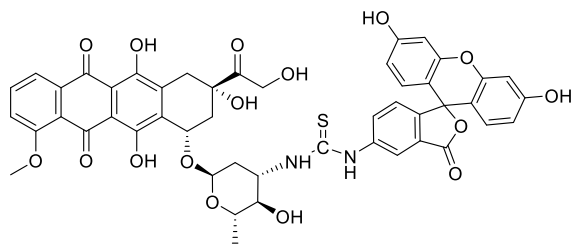


Certificate of Analysis

Description of the Material:

- (a) Chemical Name: Fluorescein-Dox Conjugate
- (b) Chemical Structure:



Chemical Formula: $C_{48}H_{40}N_2O_{16}S$
Exact Mass: 932.21
Molecular Weight: 932.91

- (c) Molecular Weight: 932.91 Da
- (d) Appearance: Orange solid
- (e) Amount: 1 mg/5 mg/10 mg

Material Code and Batch Number:

- (a) Material Code: CM62102-1MG, CM62102-5MG, or CM62102-10MG
- (b) Lot Number: S723.S4.1007F

Purity and UV/Vis Data:

- (a) HPLC analysis: $\geq 99\%$
- (b) Characteristic UV/Vis of Dox and Fluorescein

Intended Use: For research and development use only.

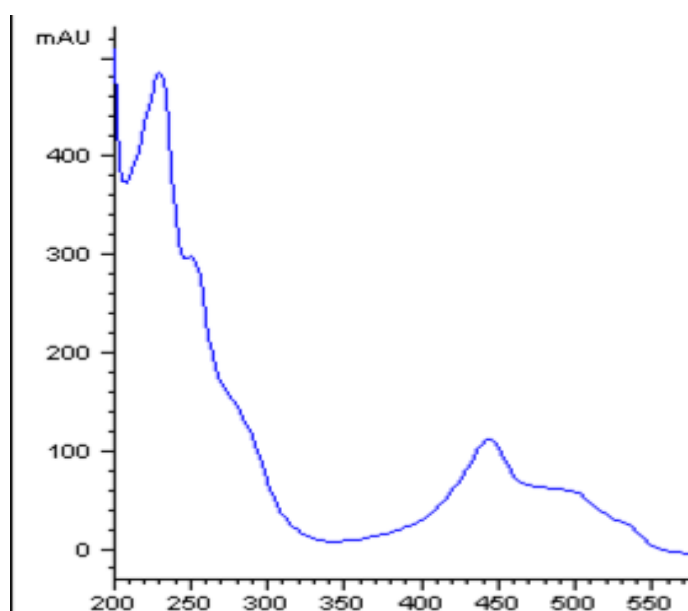
Hazard information: See SDS.

Shelf life, Storage / Stability: The conjugate is fairly stable as solid at ambient temperature. Recommended long-term storage is at -20°C or preferably at -80°C freezer in dark. After reconstitution, the solution may be able to stay at $2-8^{\circ}\text{C}$ for few weeks or -20°C for few months.

Expiration date: 1 year after receiving if stored at -20°C or below.

Data Appendix: UV/Vis and C18 HPLC data.

Figure 1. UV/Vis spectrum of fluorescein-dox conjugate



Injection date: Thu, 8. Oct. 2026
C:\HPCHEM\1\DATA\HPLC3_26\10080012.D
Instrument: Instrument 1

Injection Time: 2:24:58 PM
Report Style: CM_Extar



CellMosaic, Inc. www.cellmosaic.com
10 A Roessler Road, Woburn, MA 01801, USA.

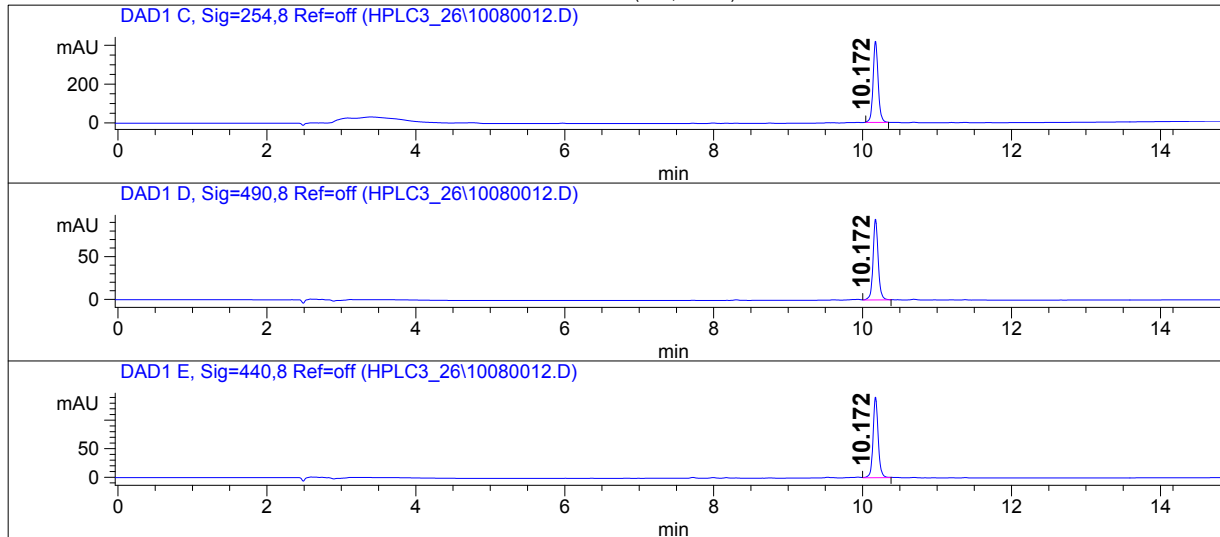
HPLC ANALYSIS DATA

Data Acquired By: CellMosaic QC
Sample Location: Vial 2
Sample Name: S723.S4.1007F

Actual injection Volume: 5.0 uL
Sequence Name:
Method: C:\HPCHEM\1\METHODS\C1-1101.M
Pressure: 119.2 bar
Flow: 800.000 uL/min
Temp (C): 25.0 C

-- SAMPLE INFORMATION --
Fluorescein-
Doxorubicin
CM62102

CHROMATOGRAM (UV/Vis)



Signal Description Wavelength(nm), Bw	Retention Time [Min.]	Area [mAU.s]	Area %
DAD1 C, Sig=254,8 Ref=off	10.172	1977.7	100.0
DAD1 D, Sig=490,8 Ref=off	10.172	454.5	100.0
DAD1 E, Sig=440,8 Ref=off	10.172	681.6	100.0

*****END OF REPORT*****